

B5  
24. (Twice Amended) The tissue culture of claim 23, cells or protoplasts of the tissue culture being from a tissue source selected from the group consisting of leaves, pollen, embryos, roots, root tips, anthers, silks, flowers, kernels, ears, cobs, husks, and stalks.

25. (Twice Amended) A maize plant regenerated from the tissue culture of claim 23, capable of expressing all the morphological and physiological characteristics of inbred line PH3PG, representative seed of which have been deposited under ATCC Accession No. PTA-4260.

B6 sub C3  
37. (Amended) A process for producing inbred PH3PG, representative seed of which have been deposited under ATCC Accession No. PTA-4260, comprising:

- (a) planting a collection of seed comprising seed of a hybrid, one of whose parents is inbred PH3PG said collection also comprising seed of said inbred;
- (b) growing plants from said collection of seed;
- (c) identifying said inbred PH3PG plants;
- (d) selecting said inbred PH3PG plant; and
- (e) controlling pollination in a manner which preserves the homozygosity of said inbred PH3PG plant.

B7  
40. (Amended) A method for producing a PH3PG-derived maize plant, comprising:

- (a) crossing inbred maize line PH3PG, representative seed of said line having been deposited under ATCC Accession No. PTA-4260, with a second maize plant to yield progeny maize seed;
- (b) growing said progeny maize seed, under plant growth conditions, to yield said PH3PG-derived maize plant.

B8 sub C5  
41. (Twice Amended) A PH3PG-derived maize plant, or parts thereof, produced by the method of claim 40.

B9 sub C6  
42. (Amended) The method of claim 40, further comprising:

- (c) crossing said PH3PG-derived maize plant with itself or another maize plant to yield additional PH3PG-derived

progeny maize seed;

- B<sup>9</sup> amended*
- (d) growing said progeny maize seed of step (c) under plant growth conditions, to yield additional PH3PG-derived maize plants;
  - (e) repeating the crossing and growing steps of (c) and (d) from 1 to 4 times to generate further PH3PG-derived maize plants.
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*B<sup>10</sup>* 45. (Twice Amended) A PH3PG-derived maize plant, or parts thereof, produced by the method of claim 44.

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*B<sup>11</sup>* 50. (Amended) The seed of claim 1 wherein said seed further comprises genetic or cytoplasmic male sterility factors.

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